

# Lower estimate for the integral means spectrum for $p = -1$

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## Abstract

In this paper we show that there exists a function  $f$  bounded and univalent in the unit disk, such that  $\int |f'(re^{i\theta})|^{-1} d\theta \geq C(1-r)^{-0.127}$ ,  $0 \leq r \leq 1$ .

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## Keywords

Integral means, Univalent functions